**Index of Claims** 

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/697,604              | RANGARAJAN,                             |
|                         | RAJASEKARAN                             |
| Examiner                | Art Unit                                |

VAN H. NGUYEN

Date

**Appeal** Α

Rejected Allowed

(Through numeral) Cancelled Restricted

Claim

Non-Elected N Interference

0 Objected

2194

|                        |  |           |           |          |          |          | ,          |              | _  | _        |
|------------------------|--|-----------|-----------|----------|----------|----------|------------|--------------|--|----------|
| Cla                    | aim  | Date      |           |          |          |          |            |              |  |          |
| Final                  | Original   | 2/19/07   | 11/23/07  |          |          |          |            |              |  |          |
|                        |  | J         | J         | -        | -        | -        | ┝          | ⊢            | ┢  | Н        |
|                        | <del>  '</del>   | 1         | Ť         | ┝        | ┝        | $\vdash$ | ⊢          | ┢            | -  | $\vdash$ |
| <u> </u>               | 3  | Н         | H         | $\vdash$ | ┢        | ┢        | ┢          | 1            |  | $\vdash$ |
|                        | 4  | H         | +         | $\vdash$ |          |          |            | -            | -  | Н        |
|                        | 5  | ╁         | H         | -        | -        | -        | -          | <del> </del> | <del>                                     </del> | Н        |
|                        | 1<br>2<br>3<br>4<br>5<br>6                               | ╁         | H         | _        | $\vdash$ |          | $\vdash$   | $\vdash$     | -  | Н        |
|                        | 7  | 1         | H         |          | -        |          | _          |              | H  | Н        |
|                        | 7<br>8<br>9  | H         | H         |          |          |          |            |              | 1  | Н        |
|                        | 9  | IT        | IT        |          |          |          |            | <b>†</b>     | <u> </u>   | П        |
|                        | 10   | T         | $\sqcap$  |          |          | П        |            | Т            | $\vdash$   | П        |
|                        | 11   | П         | П         |          |          |          | <u> </u>   | _            |  |          |
|                        | 12   |           |           |          |          |          |            |              |  |          |
|                        | 13   |           |           |          |          |          |            |              |  |          |
|                        | 14   |           |           |          |          |          |            |              | L  |          |
|                        | 15   | $\prod$   | $\Box$    |          |          |          |            |              | L  |          |
|                        | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19 | $\coprod$ | $\coprod$ |          |          |          |            |              |  |          |
|                        | 17   | Ш         |           |          |          |          |            |              |  |          |
|                        | 18   | Ш         |           |          |          |          |            |              |  |          |
| Ш                      | 19   | Щ         | Ш         |          |          |          |            |              |  | Ш        |
|                        | 20   | Ш         | Ш         | _        |          | _        |            |              |  | Щ        |
|                        | 21<br>22<br>23   | Щ         | Щ         |          |          | L.       | <u> </u>   | L_           | L_   | Щ        |
|                        | 22   | 1         | V         | _        |          | L_       | <u> </u>   | L            | _  | Щ        |
| $\vdash$               | 23   |           |           |          | _        | L        | <u> </u> _ | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | Щ        |
|                        | 24   |           |           | _        | <u> </u> | -        | <u> </u>   | -            | -  | $\dashv$ |
|                        | 24<br>25<br>26   |           |           |          |          | -        | ├—         | $\vdash$     | $\vdash$   | $\dashv$ |
|                        | 27   |           | -         |          |          | -        | $\vdash$   | ⊢            | $\vdash$   | $\dashv$ |
|                        | 28   |           | $\vdash$  | _        | _        | -        | $\vdash$   | ┝            |  | $\dashv$ |
|                        | 27<br>28<br>29<br>30                                     |           |           |          | _        | -        | -          | -            | -  | $\dashv$ |
|                        | 30   |           |           | _        | _        | _        | _          | _            |  |          |
|                        | 31   |           |           |          | _        |          |            |              | _  |          |
|                        | 32<br>33   |           |           |          |          |          | _          |              |  |          |
|                        | 33   |           |           |          |          |          |            |              |  |          |
|                        | 34   |           |           |          |          |          |            |              |  |          |
|                        | 35   |           |           |          |          |          |            |              |  |          |
|                        | 36   |           |           |          |          |          |            |              |  |          |
|                        | 37   | Ш         |           |          |          |          |            |              |  |          |
|                        | 38<br>39   | Щ         |           |          |          | <u> </u> |            |              |  | Ш        |
|                        | 39   | Ш         |           | _        | _        | _        |            | <u> </u>     |  |          |
|                        | 40   | Щ         | ·         |          | _        | <u> </u> | _          | <u> </u>     | $\sqcup$   | Щ        |
| $\vdash \vdash \vdash$ | 41   | $\vdash$  |           |          |          | <u> </u> | _          | $\vdash$     | Н  | $\dashv$ |
|                        | 42<br>43   | Н         | -         | -        |          | <u> </u> | _          | $\vdash$     | Н  | -        |
| -                      | 43   | $\vdash$  | $\dashv$  | -        |          | $\vdash$ | -          | <u> </u>     | Н  |          |
| $\vdash$               | 45   | $\vdash$  |           | $\dashv$ |          |          | _          | $\vdash$     | $\vdash$   |          |
|                        | 46   | $\dashv$  |           |          |          | -        | -          | $\vdash$     | $\vdash$   |          |
|                        | 47   | $\vdash$  | $\dashv$  | -        |          | <u> </u> | -          | H            | -  |          |
|                        | 48   | -         | $\vdash$  | -        | -        |          |            | H            | -  | $\dashv$ |
|                        | 49   | T         | $\vdash$  |          |          |          | -          |              |  | $\dashv$ |
|                        | 50   |           |           |          |          |          |            | _            |  |          |

|     | Š     | 21111          | _        | ,            | ,—           |  | <u>var</u>   | <del>-</del> | _ | _        |  |
|-----|-------|----------------|----------|--------------|--------------|--|--------------|--------------|---|----------|--|
|     | Final | Original       |          |              |              |  |              |              |   |          |  |
|     |       | 51             |          | Π            |              |  | Г            | Π            |   | Г        |  |
|     |       | 51<br>52       | -        | Ι            | T            | 1  |              | <u> </u>     |   | <u> </u> | $\vdash$   |
|     |       | 53             |          | <del> </del> | -            | <del>                                     </del> | <del> </del> | <del> </del> | - | ┢        | <del>                                     </del> |
|     |       | 54             | _        | -            | ╀            | ╁  | ⊢            | ⊢            | ╁ | ┢        | ⊢  |
|     |       | 54<br>55       | -        | ⊢            | ┝            | ⊢  | ⊢            | ⊢            | ╁ | ⊢        | $\vdash$   |
|     |       | 50             |          | -            | -            | ├  |              | -            | - | ├        |  |
|     |       | 56             | <u> </u> | <u> </u>     | <del> </del> | ├—   | <del> </del> | <u> </u>     | - |          | <u> </u>   |
|     |       | 57<br>58       | ┝        | _            | ┡            | ⊢  | ▙            | _            | _ | ⊢        | ┡  |
|     |       | 58             | <u> </u> | _            | ┡            | ⊢  | ╙            | $\vdash$     | _ | <u> </u> | L  |
|     |       | 59             | <u> </u> | _            | L            | _  | <u> </u>     | ļ            | _ | <u> </u> | _  |
|     |       | 60<br>61       | <u> </u> | _            | Ļ            | _  | 乚            | _            | L | _        | _  |
|     |       | 61             | L        | <u> </u>     | <u> </u>     | 上  | _            |              |   |          | _  |
|     |       | 62             | _        | L            |              | L  | L            | L            |   | L        | L  |
|     |       | 63<br>64       |          |              | L            | <u> </u>   |              |              |   |          |  |
|     |       | 64             |          |              |              |  |              |              |   |          |  |
|     |       | 65             |          |              |              |  |              |              |   |          |  |
|     |       | 66             |          |              |              |  |              |              |   |          |  |
|     |       | 66<br>67       |          |              |              |  |              |              |   |          |  |
|     |       | 68             |          |              |              | Γ  | l            | Г            | Γ |          |  |
|     |       | 69             |          | Γ            |              |  |              | Γ            |   |          |  |
|     |       | 70             |          |              |              |  |              |              |   |          |  |
|     |       | 71<br>72<br>73 |          |              |              |  |              |              |   |          |  |
|     |       | 72             |          |              |              |  |              |              |   |          |  |
|     |       | 73             |          |              |              |  |              |              |   |          |  |
|     |       | 74<br>75       |          |              |              |  |              |              |   |          |  |
|     |       | 75             |          |              |              |  |              |              |   |          |  |
|     |       | 76<br>77       |          |              |              |  |              |              |   |          |  |
|     |       | 77             |          |              |              |  |              |              |   |          |  |
|     |       | 78             |          |              |              |  |              |              |   |          |  |
| -   |       | 79             |          |              |              |  |              |              |   |          |  |
| ı   |       | 80             |          |              |              |  |              |              |   |          |  |
|     |       | 81             |          |              |              |  |              |              |   |          |  |
| ı   |       | 82             |          |              |              |  |              |              |   |          |  |
|     |       | 82<br>83       |          |              |              |  |              |              |   |          |  |
|     |       | 84             |          |              |              |  |              |              |   |          |  |
|     |       | 85             |          |              |              | Г  |              |              |   |          |  |
|     |       | 86             |          |              |              | Г  |              |              |   |          |  |
| ĺ   |       | 87             |          |              |              |  |              |              | П |          |  |
| ſ   |       | 88<br>89       |          |              |              |  |              |              |   |          |  |
|     |       | 89             |          |              |              |  |              |              |   |          |  |
|     |       | 90             |          |              |              |  |              |              |   |          |  |
|     |       | 91             |          |              |              |  |              |              |   |          |  |
|     |       | 92             |          |              |              |  |              |              |   |          |  |
| ĺ   |       | 93             |          |              |              |  |              |              |   |          |  |
|     |       | 94             |          |              |              |  |              |              |   |          |  |
| ĺ   |       | 95             |          |              |              |  |              |              |   |          |  |
|     |       | 96             |          |              |              |  |              |              |   |          |  |
| ĺ   |       | 97             |          |              |              |  |              |              |   |          |  |
|     |       | 98             |          |              |              |  |              |              |   |          |  |
|     |       | 99             |          |              |              |  |              |              |   |          |  |
| - 1 | - 1   | 1              |          |              |              |  |              |              |   |          |  |

100

| Cla  | aim   | Date      |          |              |          |          |          |                |                |                 |
|--|---|-----------|----------|--------------|----------|----------|----------|----------------|----------------|-----------------|
| Final  | Original                                      |           |          |              |          |          | ,        |                |                |                 |
|  |   |           |          |              |          |          |          |                |                |                 |
|  | 101<br>102<br>103                             | _         | _        |              | _        | _        | _        |                |                | Ш               |
| <u> </u>   | 102   | _         | <u> </u> | _            | <u> </u> | <u> </u> | <u> </u> |                | -              | Н               |
|  | 103   |           | $\vdash$ |              | ├        | ┢        | $\vdash$ | $\vdash$       | ⊢              | $\vdash$        |
|  | 105   | $\vdash$  | $\vdash$ | $\vdash$     | ┢        | $\vdash$ | 一        | $\vdash$       | ╁              | Н               |
|  | 105<br>106                                    |           | $\vdash$ | $\vdash$     | H        | Т        | Н        | $\vdash$       |                | Н               |
|  | 107   |           | Г        |              |          | Г        |          |                |                | П               |
|  | 108<br>109                                    |           |          |              |          |          |          |                |                |                 |
|  | 109   |           | _        | _            |          |          |          |                | Ш              | Щ               |
|  | 110   | _         | <u> </u> | <u> </u>     | <u> </u> | _        | <b> </b> | <del> </del> _ | <b> </b> _     | Ы               |
|  | 111<br>112<br>113                             | -         | $\vdash$ | -            |          |          | -        | <del> </del>   | <del> </del>   | $\vdash\vdash$  |
|  | 112   | _         | H        | -            | $\vdash$ | ⊢        | ⊢        | ⊢              | ⊢              | $\vdash \vdash$ |
|  | 114   | _         | $\vdash$ | -            | $\vdash$ | $\vdash$ | -        | $\vdash$       | $\vdash$       | $\vdash$        |
| $\vdash$   | 114<br>115                                    |           |          | <del> </del> | <u> </u> | Т        |          | <u> </u>       | <del>  -</del> | Н               |
|  | 116   |           |          | <u> </u>     |          |          |          |                | -              | М               |
|  | 117   |           |          |              |          |          |          |                |                |                 |
|  | 118   |           |          |              |          |          |          |                |                | Ш               |
|  | 119   |           |          | <u> </u>     |          |          |          |                | L_             | Ш               |
|  | 120   |           | _        |              | _        |          |          | <u> </u>       |                | Ш               |
| H  | 121   |           |          |              | -        | _        |          | -              | -              | $\vdash\vdash$  |
| -  | 123   |           | -        | -            | -        | -        | -        | $\vdash$       | $\vdash$       | Н               |
|  | 119<br>120<br>121<br>122<br>123<br>124        |           |          | Н            |          | $\vdash$ | $\vdash$ | <del> </del>   | -              | Н               |
|  | 125   |           |          |              | -        |          |          | Г              |                | П               |
|  | 126   |           |          |              |          |          |          |                |                |                 |
| $\square$  | 127   |           |          |              |          |          |          |                |                | Ш               |
|  | 128   |           |          | _            |          | _        | _        | _              | _              | Ш               |
|  | 129   |           | _        |              | _        | H        | <u> </u> |                | $\vdash$       | $\vdash$        |
| -  | 125<br>126<br>127<br>128<br>129<br>130<br>131 |           |          |              | <u> </u> | $\vdash$ | -        |                | _              | $\vdash$        |
|  | 132 l   | -         |          |              | _        | Н        | _        | _              |                | Н               |
|  | 133   |           |          |              |          |          |          |                |                | П               |
|  | 133<br>134<br>135                             |           |          |              |          |          |          |                |                |                 |
|  | 135   |           |          |              |          |          |          |                | Ļ              |                 |
| <b>—</b>   | 136<br>137<br>138                             | _         |          |              |          |          |          |                |                | $\square$       |
|  | 137   |           | _        |              |          | Н        | _        | _              | _              |                 |
| $\vdash$   | 130   | _         | $\vdash$ |              | _        | -        | $\vdash$ | $\vdash$       | $\vdash$       |                 |
|  | 139<br>140                                    | $\dashv$  | _        | $\vdash$     |          | Н        | H        | Н              | Н              | $\vdash$        |
|  | 141   |           | Н        |              |          |          |          | $\vdash$       | $\vdash$       | $\vdash$        |
|  | 142   |           |          |              |          |          |          |                |                |                 |
|  | 143   |           |          |              |          |          |          |                |                |                 |
| <b>  </b>  | 144   | _         |          | _            |          | Ш        |          |                | _              | Ш               |
|  | 145<br>146                                    | $\dashv$  | _        | _            | _        | $\vdash$ | _        | _              | _              | Н               |
| $\vdash$   | 146   | $\dashv$  | -        | -            |          | Н        |          |                | -              | $\vdash \vdash$ |
| <del>                                     </del> | 148   | $\dashv$  | -        | H            | _        | Н        | _        | -              | -              | $\dashv$        |
|  | 149   | $\dashv$  | -        | -            |          | Н        |          |                |                | $\dashv$        |
|  | 150   | $\exists$ |          |              |          | $\Box$   |          |                |                | Н               |
|  |   |           |          |              |          |          |          |                |                |                 |